H. H. Furer and V. V. Rvirindae write that they established the great sensitivity of bacteria causing catarrh of the upper respiratory organs to the antibiotic. Ye. M. Petrova reports that she established the substitutity of 112 strains of bacteria in patients suffering from furunculosis, abscesses, and burns to biomycin. An article by M. A. Petrova and Ye. K. Berezina cites data on the effectiveness of biomycin when applied in the therapy of diphtheria of the eyes in guinea pigs. Prof G. N. Pershin and associates publish data which bear out the effectiveness of surreconycin and biomycin in experimental therapy of gas infections in mice.

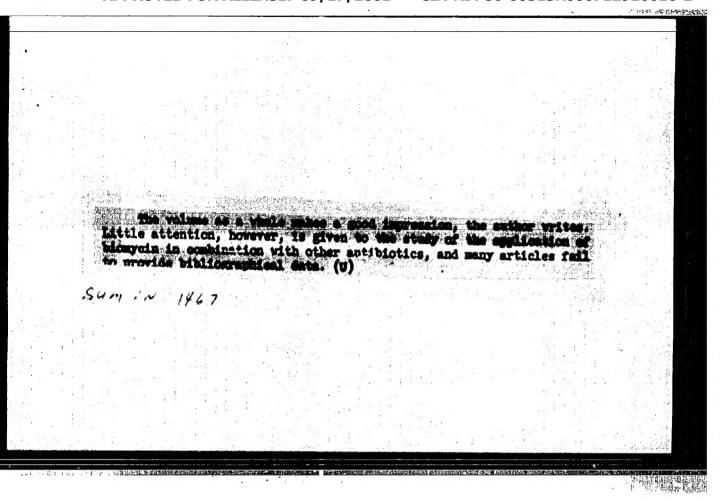
Two articles in the volume are devoted to the results of investigations which were conducted to determine the effectiveness of biomycin and biomycin is combination with ekmoline when used in experimental dysentery in mice. The investigations were conducted by Ye. A. Ved'mins, N. V. Kaverins, S. M. Navashin, and L. K. Valedinskays. Although the antibiotics were highly effective in the control of dysentery, they failed to completely mixed the heatili from the companion.

About half of the articles in the volume are devoted to resorts on the clinical application of biomycin. The antibiotic was found to be mighly effective in the control of acute dysentery in children and adults. It was not quite as effective in the therapy of chronic dysentery.

L. M. Yartseva reports favorable results in therapy of acute and subchronic forms of brucellosis with biomycin in combination with vaccinotherapy.

The successful application of biomycin in the therapy of furunculosis in children and adults is reported by L. F. Berezhkov and A. A. Eslamkaryan. Prof I. M. Porudominskiy and Prof N. N. Yelanskiy report on successes obtained in the application of biomycin in the therapy of concerned and nongonorrheal inflammations of the urino-genital concerned and nongonorrheal inflammations of the urino-genital spatial application of the successful application of the antibiotic in the therapy of requirem transmits.

# "APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722920016-2



KIVMAN, O.Tm., kandidat meditsinskikh nauk,

Use of antibiotics; concentration of antibiotics in foci in men
and in animals; review according to materials from foreign periodic
literature. Antibiotiki, aborn, perev. 9 no.3:47-58 1956

(ANTIBIOTIOS, ther. use concentration in fooi in men & in exper. animals, review)

card : 1/2

USSE/Pharmacology, Toxicology. Chemotherspeutical Preparations Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23424 : Kivan C.la. And June Author : Not thiven Morphlogical Alterations in the Organs and Tissues of Ani-Inst mals, Which Were Caused by Greatcidin C and By Water-Sol-Title thle Granicidin. Orig Pub : Arthiy patologii, 1956, 18, 20 6, 115-117 unimical at a first state interest election attended to builted with the three an Abstract : Gramicidin C (I) and water-soluble gramicidin (II) were administered intravenously in lethal doses to mice. After the administration of 250 of I the death of the sice came in 30-60 minutes, and following the administration of 400 of 11death took place in 30-120 minutes. Macroscopic and microscopic alterations in the snimels of both groups were alike. Sharp hyperemia and hemorrhages occurred in the lungs, plathors in the brain. Milation of the capillaries, their over-flow with blood, and perivascular hemorrhages were found in the brain, lungs, myocardium, liver, kidneys, and spleen. Dystrophic alterations in the cells of the liver were noted. In

KIRMAN,

USSR/Microbiology. Antibiosis and Symbiosis. P-2 Antibiotics

Abs Jour Ref Zhur-Biologiya, No 1, 1957, 548

Author G. Ya. Kivman, M. A. Breger, and I. P. Balyn

Inst 1:

Title : Rapid Micromethod of Determination of the Concentration of Antibiotics of the

Tetracycline Group (Biomycin, Cyclomycin, and Riomycin) in Biological Fluids.

Swil. eksperim. biol. i med., 1956, 4241 Orig Pub

No 1, 78-79

The new method is a simplified Shneyerson method. The correlation of the components Abstract

of the reaction has been changed, and the composition of the nutritive medium has been simplified. To determine the con-

centration of the antibiotic 0.2 ml of

Card 1/3 Dept. Exptl. Chemotherapy - exptl. Chemotherapy & Chemicoprophylacte

USSR/Microbiology. Antibiosis and Symbiosis. Antibiotics

Abs Jour

Ref Zhur-Biologiya, No 1, 1957, 548

Abstract

the tested biological fluid is sufficient. The pH of 7.0 is determined by 10% NaoH. The medium does not require steriliza-tion and can be kept at room temperature. Determination is on the basis of the change in the color of the medium; phenol red is the indicator. Bacterium proteus OX10 is the test culture. A series of dilations of the tested biological fluid and a series of dilutions of the standard antibiotic are prepared. Each series consists of 11 experimental and 1 control dilutions. In order to calculate the concentrations of the antibiotic and the tested fluid it is necessary to

Card 2/3

USSR/Microbiology. Antibiosis and Symbiosis Antibiotics

F-2

Abs Jour

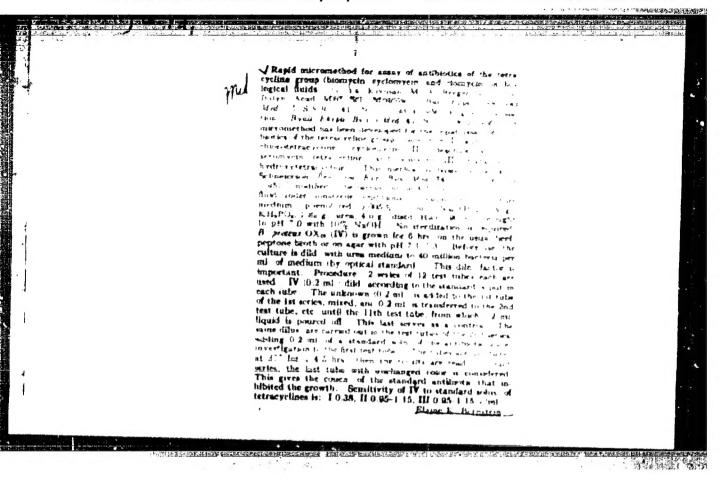
: Ref Zhur-Biologiya, No 1, 1957, 548

Abstract

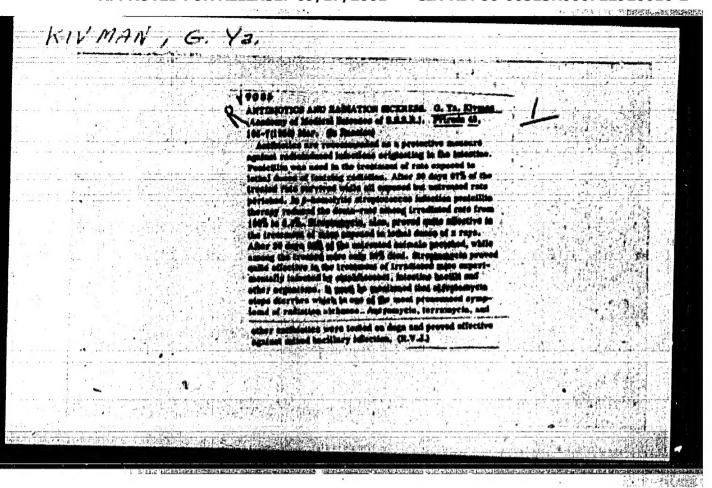
multiply the minimal concentration of the standard antibiotic which arrests the growth of Bacterium proteus OX10 by the maximal dilution of the tested biological fluid which has an action similar to that of the antibiotic. The described method makes it possible, by the utilization of small volumes of the fluids, and in nonsterile conditions, to determine the concentration of antibiotics of the tetracycline group within 4 to 4½ hours.

Card 3/3

### "APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722920016-2



# "APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722920016-2



KIVMAN, G. Ya. (Cand. of Med. Sci.); IVANOVA, G. A. (Cand. of Vet. Sci.);

BREDER, M.A. (Cand. of Med. Sci.); BALYN', I.R.; ENTUGANOVA, Z.A. (Cand of Med. Sci.); KALININA, N.A.

"Tetracyclin,"

p. 214 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. p. 405, Moscow, Medgis, 1957.

KITHAN, G.Ya.: KHARITOMOYA, A.M.

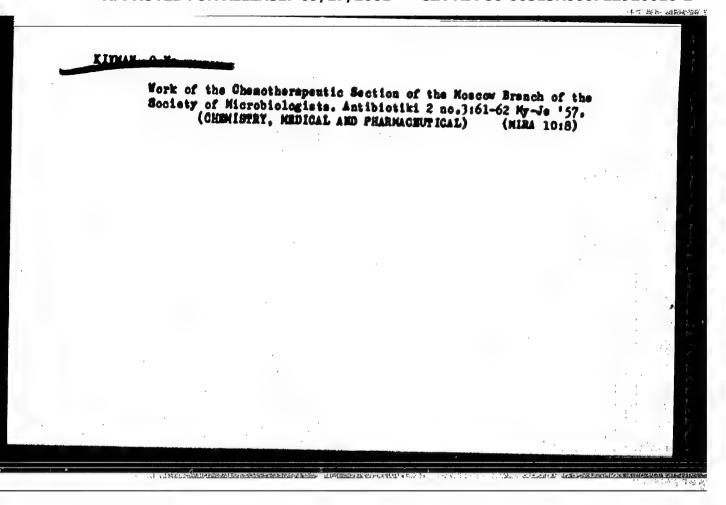
Fat distrophy of the liver in white mice after oral and intravenous administration of tetracycline. Antibiotiki 2 no.1:49-52 Ja-7 157.

(MIRA 12:11) 1. Otdel khimioterapii (sav. - chlen-korrespondent AMM SSSR prof. Eh. Eh. Planel'yes) Instituta farmakologii i khimioterapii AMS SSSR. (THYRACYCLIMS, eff.

induction of fatty liver after oral & intravenous admin, in mice)

(FATTY LIVER, exper. induction with tetracycline in oral & intravenous admin. to mice)

CIA-RDP86-00513R000722920016-2" APPROVED FOR RELEASE: 09/17/2001



USSR / Microbiology. Antibiosis and Symbiosis.
Antibiotics.

F-2

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76702.

Author : Kivman, Q. Ya.; Shdeerson, A. Ni

Inst : Not given.

Title : Synergism and Antagonism of Antibiotics. (Review on Materials of Foreign Periodical Literature).

Orig Pub: Antibiotiki, Sb. perev., obz. 1 ref. in. period. 11t., 1957, No 6, 3-16.

Abstract: No Abstract.

Card 1/1

AlVMANNE, O.Yn.

USSR/Pharmecology, Toxicology, themotherspantical Properatory, V-7 APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722920016-2

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23429

Author : Kivman G.Is., Kharitonova A.M.

Inst : Not Given

Title : Fatty Dystrophy of the Liver of White Mice Caused by the Cral and Intravenous Administration of Tetracyclins.

Orig Pub : Antibiotics, 1957, 2, No 1, 49-52

Abstract: Chlorotetracyclin (I), tetracyclin (II) and oxytetracyclin (III) were administered orally to mice in daily doses of 1.4 or 14 mg in a starch base and intravenously in daily 0.5 or 1.4 mg doses for 3,5,9 and 11 days. It was found, that only the repeated oral administration of I in a 1.4 mg dose induced fatty dystrophy of the liver; in a 14 mg dose I induced the most intensive fatty dystrophy, II induced small changes, and III very insignificant changes. The intravenous administration of tetracyclines in 1.4 and 0.5 mg doses led to the accumulation of fat in the liver in all cases. In the development of fatty dystrophy of the liver the duration of the tetracycline administration was less significant, than the dose and the method of administration.

Card : 1/1

Important immunity factor. Priroda 46 no.4195-96 Ap '57.

(M.RA 1015)

1. Institut farmakologii i khimioterapii Akademii mediteinakikh nauk SSSR (Moskva).

(Immunity) (Serum)

KITMAN, O.Ya., kendidat meditsinskikh nauk (Moskva).

\*Ketabolism in radiation sickness\* by I.I. Ivenov and others.
Reviewed by O.IA.Kivman. Priroda 46 no.6:115-116 Je '57. (MLRA 10:7)

(Metabolism) (Radiation sickness) (Ivanov, I.I.)

USSR/Pharmacology. Toxicology. Antibiotics.

Abs Jour: Ref Zhur. - Biol., No 22, 1958, 102954

Kivman, C. Ya. Author

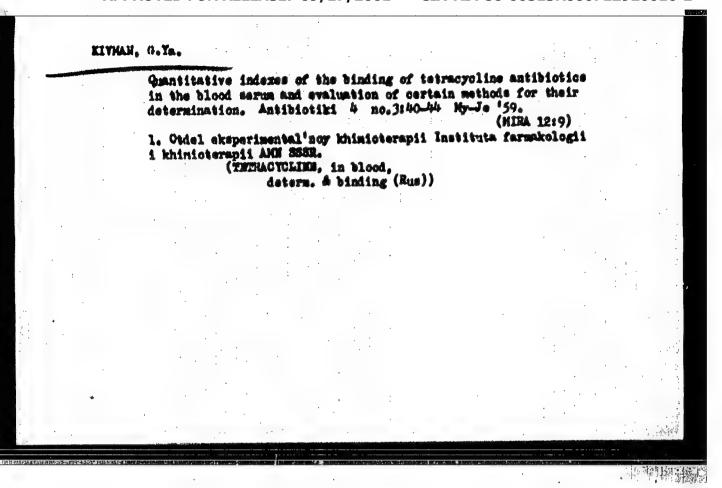
Inst

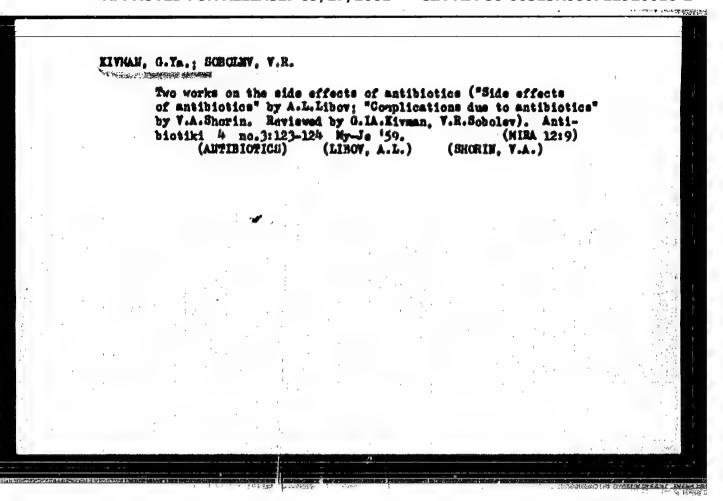
The Character of the Binding of Tetracyclines by Title the Organs and Blood Proteins.

Antibiotiki, 1958, 3, Yo. 1, 80-84 Orig Pub:

Experiments were conducted with homogenates of the organs of rats. It was shown that tetracy-clines (I) are bound by the internal organs in considerable quantities. The binding of I by the organs and blood proteins is labile and is disturbed with relative ease by a decrease of I Abstract: concentration in the surrounding fluid, which might, to a certain extent, explain the lengthy occurrence of I in the blood and other fluids of the organism. - From the author's resume

Card 1/1





Pharmacology of a new antibiotic cycloserine. Rarm. 1 toks. 22 no.3: 243-246 My-Je '59.

1. Otdel eksperimental'noy khimioterapii (sav. - doktor meditainakikh mank A.M. Charmakh) instituta farmakologii i khimioterapii AMM SSER. (ANTIBIOTICS. cycloserine, pharmacol. (Rus))

KIVNAH, G.Ya.; CHUMACHEND), W.V.; SHOL'NIKOVA, W.M.; MITROPANOV, V.S.;

Rypersensitivity of rabbits to tetracyclines. Biul.eksp.biol. 1 med. 48 no.10:52-56 0 159. (MIRA 13:2)

1. Is otdela khimioterapii (sav. - doktor med.nauk A.M. Chernukh)
Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy chlen
AMN SSER V.V. Zakusov) AMN SSER, Moskva. Predstavlena deystvitel'...
nym chlenom AMN SHSR V.V. Zakusovym.
(THTRACYCLIES pharmacol.)

Convulsive effect of cycloserine under experimental conditions,
Farm.i toks. 22 no.5:447-450 s-0 '59. (MIRA 13:3)

1. Obdel eksperimental now khimioterapii (maveduyushchiy - pref.
A.M. Chernukh) Instituta farmakologii i khimioterapii ANN SSER.

(GEGLOSERINE pharmacol.)

# KIYMAN, G.Ya.; SHOL'HKOYA, H.M.

Comparative study on the binding of antibiotics of the tetracycline group by organ homogenates. Binl.eksp.biol.i med. 46 no.12:68-71 D 159. (NIRA 13:5)

l. Is otdela eksperimental'noy khimioterapii (sav. - prof. A.M. Chermukh) Instituta farmakologii i khimioterapii (dir. - deyst-vitel'nyy chlen ANN SSSR V.V. Sakusov) ANN SSSR, Moskva. Predestavlena deystvitel'nym chlenom ANN SSSR V.V. Sakusovym. (TETTRACTULIES metab.)

# KIVMAN, Q.Ya., YAKOVLEY, V.P.

Simple apparatus for measuring the diameters of the sones in the determination of the activity of antibiotics. Med. prom. 14 no.5: 46-47 My 160. (MIRA 13:9)

1. Muuchno-issledovatel'skiy institut farmakologii i khimioterepii Akademii meditsinskikh neuk SSSR. (ANTIBIOTICS) (BIOLOGICAL APPARATUS AND SUPPLIES)

CHERNUKH, A.M., prof.; KIVMAN, O.Ya., kand.med.nauk

A needed manual ("Methods in experimental obsectherapy." Reviewed by A.M.Ohermikh, O.Ya.Kivman). Farm.i toke. 23 no.2:183-184 hr-Ap '60."

(CHEMOTHERAPY)

(CHEMOTHERAPY)

CHERNUKH, A.M., prof.; KIVMAN, G.Ya., kand.meditsinskikh nauk

Achievements—and prospects in Soviet chemotherapy. Sov.med. 25 no.8:39-46 Ag 160. (MIRA 13:9)

1. In Institute fermakologii i khimioterapii (dir. - deystvitel'nyy chlen AMM SSSR prof. V.V. Zekusov) AMM SSSR.
(CHEMOTHERAPY)

## KIYMAN, G. Ya. I KALININA, N.A.

Biological method for determining preparation Th-1314 (thianide) in the blood. Biul. eksp. biol. i med. 50 no.7:121-122 J1 '60. (MIRA 14:5)

1. Is otdela eksperimental noy khimioterapii (sav., - prof. A.M. Chernikh) Instituta farmakologii i khimioterapii (dir. - deystvitel nyy chlen AMN SSSR V.V.Zakusov) AMN SSSR, Moskva, Predstavlena deystvitel nym chlenom AMN SSSR V.V.Zakusovym.

(ISONICOTINIO ACID)

KIVMAN 6- YA- promacology

ABRAMOVA, Zh.I., kand. med. nauk; ANICHKOV, S.V., prof.; EELEN'KIY, M.L., prof.; VAL'DMAM, A.V., doktor med. nauk; VKNEREYEVA, Z.I., kand. med. nauk; VINOGRADOV, V.M., kand. med. nauk; GERSHANOVICH, M.L., kand. med. nauk; GINETSINSKIY, A.G., prof.; GGREWHITSKIY, S.Ye., prof.; GREEMKINA, M.A., dotsent; GREWH, I.F., dots.; DENISENKO, P.P., kand. med. nauk; D'YACHENKO, P.K., kand. med. nauk; ZHESTYAHIKOV, V.D., kand. med. nauk; ZAUGOL'NIKUV, S.D., prof.; ZEDMAL', E.V., kand. med. nauk; ISKAREV, M.A., kand. med. nauk; KARASIK, V.M., prof.; KIVHAN, G.Ya., kand. med. mauk; KOZLOV, O.D., kand. med. nauk; KROTOV, A.I., doktor veter. nauk; KUDRIN, A.N., doktor med. nauk; IRAZAREV, M.V., prof.; LAPIN, I.P., kand. med. mauk; HEL'NIKOVA, V.F., prof.; MESHCHERSKAYA, K.A., prof.; HIKHEL'SON, M.Ya., prof.; MOSHKOVSKIY, Sh.D., prof.; PADEYSKAYA, Ye.N., kand. med. nauk; MUKHIN, Ye.A., dots.; PERSHIN, G.N., prof.; PIANEL'YES, Kh.Kh., prof.; POHOMAREV, G.A., prof.; POSKALENKO, A.N., kand. med. nauk; MUKHIN, Ye.A., dots.; ROZOVSKAYA, Ye.S., dots.; RYBOLOVIEV, R.S., starshiy nauchmyy sotr.; SALYAMON, L.S., kand. med. nauk; SAFRAZHEKYAN, R.R., kand. biol. nauk; TIUNOV, L.A., kand. med. nauk; SAFRAZHEKYAN, R.R., kand. biol. nauk; TIUNOV, L.A., kand. med. nauk; TOMILINA, T.H., dots.; FELISTOVICH, G.I., kand. med. nauk; TSYGANOV, S.V., prof.[deceased]; CHERKES, A.I., prof.;

(Continued on next card)

ABRAHOVA, Zh.I.—(continued) Card 2.

CHERHOV, V.A., doktor med. nauk; SHADURSKIY, K.S., prof.;
YAKOVIEV, V.Ya., doktor khim. nauk; MASHKOVSKIY, M.D., red.;
NIKOLAYEVA, M.M., red.; RULEVA, M.S., tekhn. red.; CHUNAYEVA,
Z.V., tekhn. red.

[Manual on phermacology] Rukovodstvo po farmakologii. Leningrad, Modgis. Vol.2. 1961. 503 p. (MIRA 15:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Anichkov, Karasik, Cherkes). 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Belen'kiy, Ginetsinskiy, Moshkovskiy, Planel'yes).

(PHAMMACOLOGY)

Monograph on a current problem ("Drug resistance of micro-organisms" by M.H.Lebedeva, S.D.Voropaeva. Reviewed by G.IA.Kivman, A.H. Shneerson). Antibiotiki 6 no.3:283 Mr '61. (MIRA 14:5) (BACTERIA, EFFECT OF DRUGS ON) (LEBELEVA, M.H.) (VOROPAEVA, S.D.)

# KIVMAN, G.Ya., PORFIR'YEVA, R.P.

Effect of antibiotics from the tetracycline group on catalase activity in the blood. Antibiotiki 6 no.4:330-333 Ap '61.
(MIRA 14:5)

1. Otdel eksperimentel'noy khimioterapii (sav. - prof. A.M.Chernukh) Instituta farmakologii i khimioterapii AMM SSSR. (CATALASE) (TETRACYCLIME)

# Antagonism between cycloserine and some analeptics. Farm. 1 toks. 24 no.51592-594 8-0 '61. (HIRA 14:10) 1. Otdel eksperimental'ney khimioterapli (mav. - prof. A.M.Chernuich) Instâtuta farmakologii 1 khimioterapli AMM SSSR. (UNDLOSERINE) (ANALEPTICS)

16-184、4.5×3.144.444

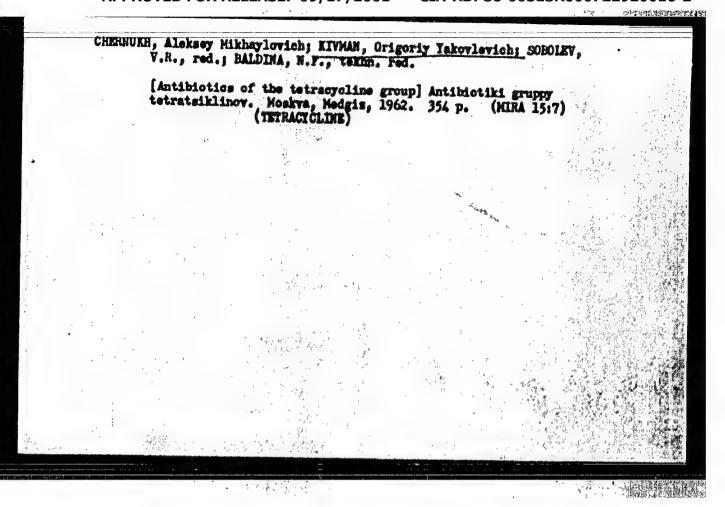
### KIVMAN, G.Ya.; PORFIRITEVA, R.P.

Analysing the effect of antibiotics of the tetracycline group on the catalase activity of blood and liver from the point of view of their distribution in the organism. Dokl.AN SSSR 136 no.4:977-976 Je 161. (MIRA 14:5)

1. Nauchno-issledovateleskiy institut farmakologii i khimioterapii Akademii mediteinskikh nauk SSSR. Predstavleno akademikom V.N. Chernigovskim.

(CATALASE)

(TETRACICLIES)



Relationship between the distribution and activity of antibiotics in the body ERM-the signs of their therapeutic and side effects. Antibiotiki 6 no.9186-94 S '61. (HIRA 1512)

1. Institut farmakologii i khimioterapii AMM SSSR.

(ANTIBIOTICS)

KIVMAN, G.Ya.; RUDZIT, E.A.; YAKOVLEV, V.P.

Effect of the functional state of the body on the distribution of antibiotics. Antibiotiki 7 no.4:370-378 Ap '62. (MIRA 15:3)

1. Institut farmakologii i khimioterapii ANN SSSR. (ANTIBIOTICS) (PHISIOLOGY)

### KIVHAN, Q.Ya.; SHOLLMEROVA, N.M.

Absorption of antibiotics from the tetracycline group in the intestines. Antibiotiki 6 no.8:702-704 Ag '61. (MIRA 15:6)

1. Otdel eksperimental'noy khimioterapii (sav. - prof. A.H. Chernukh) Instituta farmakologii i khimioterapii ANN SSSR.

(TETRACYCLINE)

(INTESTINES)

### KIVMAN, G.Ya.; KALININA, N.A.

Stimulating effect of antibiotics from the tetracycline group on the absorptive function of the reticulo-endothelial system. Riul. eksp.biol.i med. 53 no.6:46-48 Je '62. (MIRA 15:10)

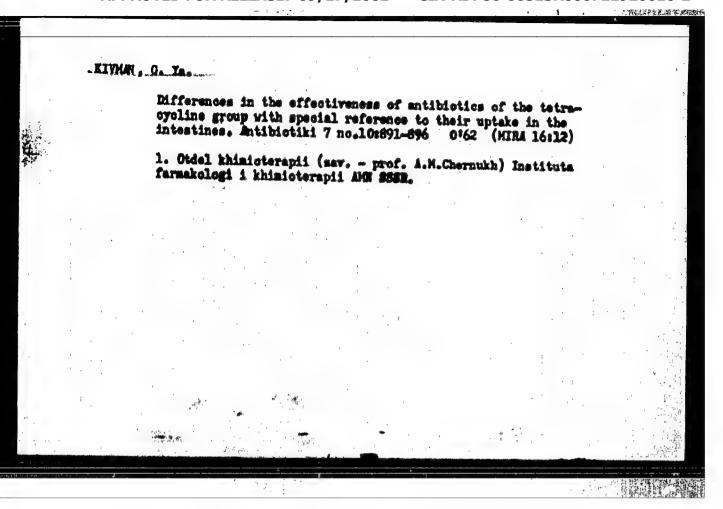
1. Is otdela khimioterapii (sav. - prof. A.M.Chernukh) Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy chlen AMN SSSR V.V.Zakusov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Zakusovym,

(TETRACYCLINE) (RETICULO-ENDOTHELIAL SYSTEM)

KIVMAN, G.Ya.; RUDZIT, E.A.

Binding of penicillin by blood proteins. Vop. med. khim. 8 no.4:369-373 J1-Ag 162. (MIRA 17:11)

1. Otdel khimioterapii Instituta farmakologii i khimioterapii AMN SSSR, Moskva.



KIVMAN, G.Ya.; SMOL'NIKOVA, N.M.

Production and comparative studies on recometes and stereoisomers of cycloserine. Antibiotiki 8 no.9:845-860 3 163.

(HIRA 17:11)

1. Institut fermakologii i khimioterapii AMM SSSR.

Taxicity of penicillin in experimental anaphylactic states of the expanien. /aribitable 8 no. 11:1018-1021 N '53. (MIRA 17:9)

1. Otdel khimioterapii (sav. - prof. A. Ghernukh: Instituta farmakelegii i khimioterapii ANN 3557.

KIYMAN, G. Ya.

"Study of binding of antibiotics on biologic substrates as a methodical basis for determination of their content in the organism."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Pharmacology & Chemotherapy, AMB USER, Moscow.

THE PERMANENCE STATE

# KIVIAN, G. Ya.; RUDZIT, R.A.; YAKOVLEY, V.P.

Standards and quantitative indices of the fixation of penicillin by the blood serum and homogenates of body organs. Antibiotiki 8 no.3t251-254 Mr\*63 (MTRA 1714)

1. Otdel khimioterapii ( sav. - prof. A.M. Chernukh) Instituta farmakologii i khimioterapii AME ESSR.

# SMOL'HIROVA, N.M.; KIVMAN, G.Ya.

Relationship between the dose of DI- and D-cycloserine and the effect on the convulsive action of some analeptics. Farm. i toks. 26 no.1:17-22 Ja-F '63. (MIRA 17:7)

1. Otdel khimioterapii (sav. - prof. A.M. Chernukh) Instituta farmakologii i khimioterapii AMN SSER.

PORFIR'YEVA, R.P.; KIVHAN, G.Ya.

Nature c" the effect of antibiotics from the tetracycline group on the blood and liver catalases in experimental pneuaccoccal infections in rats. Antibiotiki 8 no.10:950-953 0 163.

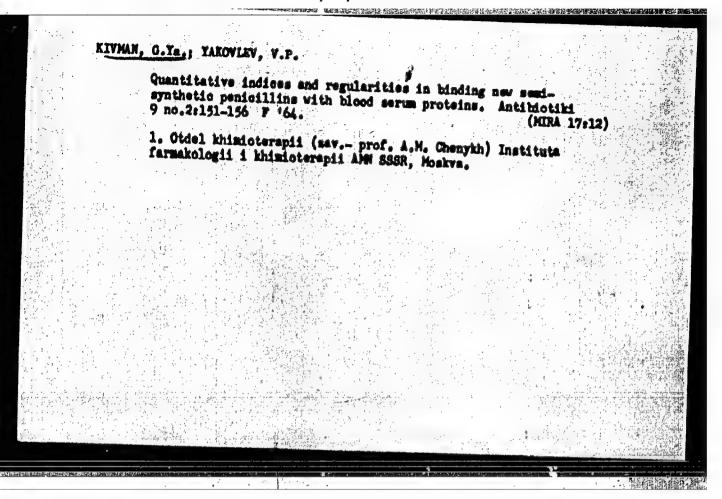
(MJEA 17:10) 1. Otdel kaimioterapii (zav. - prof. A.H. Chernokh) Instituta farmakologii i khimioterapii AFE SSSR.

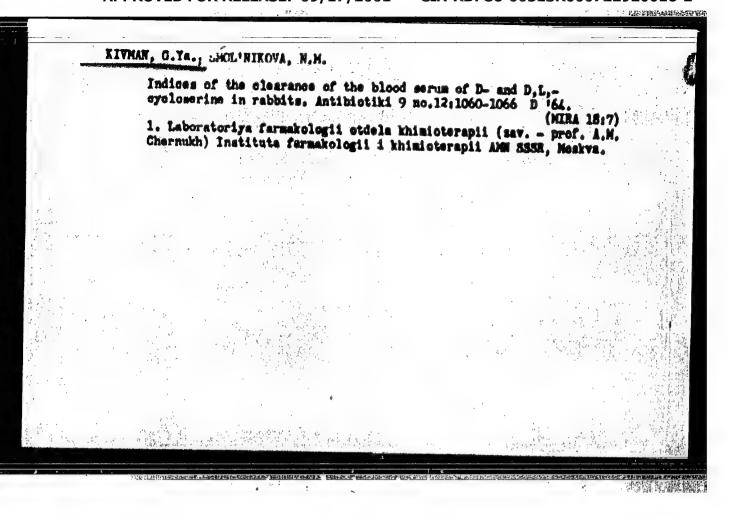
SIN THE REPORT OF THE PERSON

KALIHINA, N.A.; KIVMAN, G.Ya.

Influence of the infectious process and chemotherapy on the absorptive function of the reticuloendothelial system. Pat, fiziol, i eksp. terap. 8 no.5162-65 S-0 164.

1. Otdel khimioterapii (sav. - prof. A.M.Chernykh) Instituta farmakologii i khimioterapii (direktor - deystvitel'nyy chlen AMN SSCR prof. V.V.Zakusov) AMN SSCR, Moskva. Submitted March 1, 1963.





明的特別也可認可能的特別所

YAKOVIEV, V.P., KIVMAN, G.Ym.

Binding of benzylpenicillin calts by blood serum proteins. Vop.med.khim. 10 no.2:155-158 Mr-Ap 164. (HIRA 18:1)

1. Otdel khimioterapii Instituta farmakologii i khimioterapii AMN SSSR, Moskva.

PARTICIPATION AND ENGINEERS

### KIVMAN, G.Ya., PORPIR'YEVA, R.P.

Binding of novobicoin by blood serum proteins and its determination in serum in the free and bound state. Vop. med. khim.

10 no.4:402-407 J1-Ag \*64. (MIRA 18:4)

1. Otdel khimioterapii Instituta farmakologii i khimioterapii AHN SSSR, Moskva.

## KIVMAN, G.Ya.; KALININA, N.A.

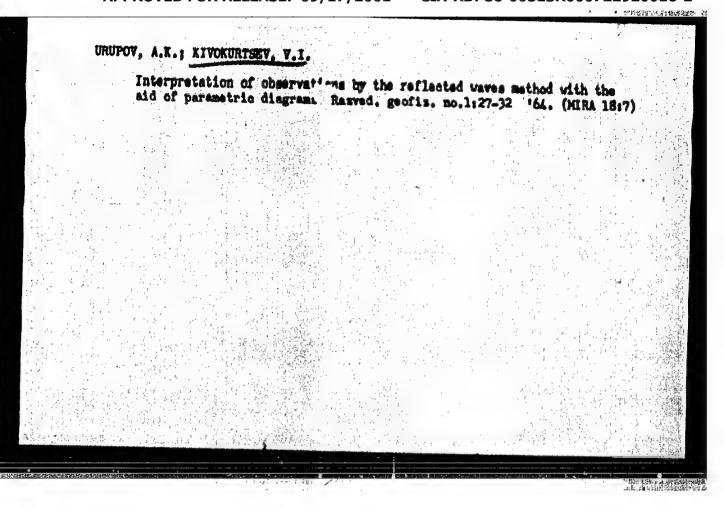
State of the absorptive function of the reticuloendothelial system in experimental infection treated with tetracyclines. Biul. eksp. biol. i med. 57 no.6:43-44 Je \*64.

1. Otdel khimioterapii (sav. - prof. A.M.Chernukh) Instituta farmakologii i khimioterapii (dir. - deystvitel nyy chlen AMN SSSR V.V.Zakusov) AMN SSSR, Moskva.

# Study on the interaction of novoblocin with proteins and some other components of the blood serum. Antiblotiki 10 no.61522-526 Je 165. 1. Laboratoriya farmakologii khimioterapevticheskikh preparatov otdela khimioterapli (zav. otdelom - prof. A.M.Chermikh) Instituta farmakologii i khimioterapli AMM SSSR, Moskva.

Interesting of tetrasymline with liver cell components in rate. Antiblotiki lo mr. 3:229-201 Mr. 165. (MIRA 18:10)

L. Laboretoriya fermakologii khimioterapertichenkikh preparatov etdela khimioterapii (mav. otdelem - prof. A.M. Charnykh) Instituta farmakologii i khimioterapii AMN SDSR, Moskva.



UROPOV, A.K.; KIVORDECHEV, V.I.

Setting up reflecting boundaries with the aid of parametric diagrams. Uch. sap. Perm. gps. un. no.12:10-15 \*66.

Recommended methods for determining the intra-etratum and mean velocities by the parametric diagram technique. Ibid.: 16-23 (MIRA 19:1)

ACC NR. AP6030142

SOURCE COIE: UR/0120/66/000/COL/0115/0117

AUTHOR: Kivokurtsov, Yu. Ye.

ORG: none

TITLE: A drift-free integrator with negative feedback

SOURCE: Pribory i tekhnika eksperimenta, no. 4, 1966, 115-117

TOPIC TACS: pulso integrator, circuit design, error prediction, negative feedback, voltage stabilization

ASSTRACT: An integrating circuit with negative feedback has been developed to provide a drift-free output voltage. It includes capabitors in the integrating loop with the output voltage taken from the common point of the series-connected capacitors. The drift-free output eliminates the control problem and reduces the error of the ordinary tube integrator. An analysis of the transmission function of the circuit in operational form reveals several advantageous proporties, and an error analysis similarly conducted indicates that the circuit is suitable for videosignals. For a 20-millisec videosignal, a single-stage amplifier with an amplifaction of 100 has a relative error of 2.2-2.45. For periodic and nonperiodic videosignals with durations up to one second, the integrating error constitutes several percent. One single-stage integrator for a periodic negative videoeignal of 30 million with a repetition rate of 25 has an error of 3%. Orig. art. has: 3 figures and 16 formulas SUB CODE: 09/ SUBM DATE: 27Jul65/ ORIG REF: 003

KIVOTOV, S.A.: KONYR', I.V., redaktor.

[Preparation of visual aids on botany and the principles of Darwinism in connection with practical field work; work practice of the V.I.Zenin secondary school] Isgotovlenie magliadnykh posobii po botanike i osnovam darwinisma v sviasi s prakticheskimi rabotami; is opyta raboty srednei shkoly pamiati V.I.Lenina, Moskva, Isd-vo Akademii pedagog, namk MEPER, 1954, 46 p. (MLRA 8:2) (Botany-Study and teaching)

KIYOTOW. Bergar Aleksandrovich; MERHLYUDOVA, A.S., redaktor; SMIRHOV, Q.I., tekhnicheskiy redaktor

[Practical work in school garden plots; a manual for students of classes 5-6 in secondary schools] Prakticheskie sanistiis na shkol'-nom uchebno-opytnom uchmatke; posobie dlia uchmahchikhsia Y-YI klassov srednei shkoly. Noskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia REFER, 1956. 142 p. (MIRA 9:12) (School gardene)

Agricultural practical work of students in the spring. Set. v shkele
ne.2:46-54 Mr-ap '56. (MEA 9:7)

1.Uchitel' shkely panyati V.I.Lenina Leninskoge rayona Mosksvakay
eblasti.
(Agriculture--Study and teaching)

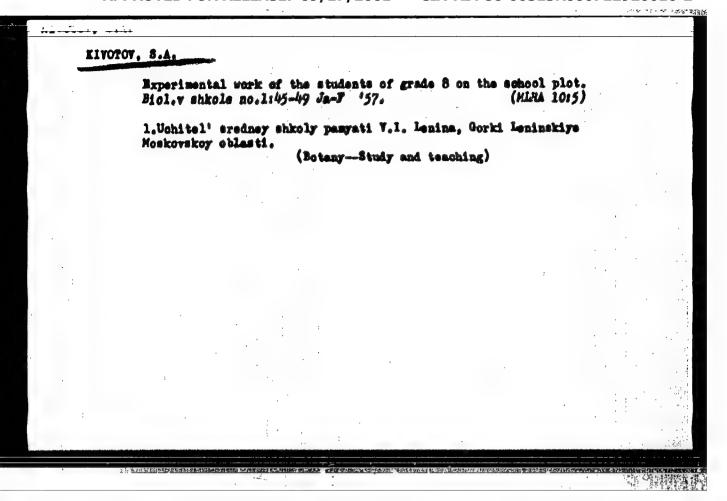
# KIVOTOV, S.A., uchitel'.

Manual tools for work on a school experimental plot. Bet. w shkole no.3:85-86 My-Je \*56. (MLMA 9:8)

1. Shkola panyati V.I. Lenina Leninskogo rayona Moskovskoy oblasti. (Agricultureal implements)

KIWATOY, Server Aleksandrovich; MEKHLTUDOVA, A.S., redaktor; SHIRMOV, G.I., tekhnicheskiy redaktor

[Practical work in school garden plots; a manual for students in grades five and six of the secondary school] Prakticheskie sanistiis no shkol' now uchebno-opytnom uchestke; posobie dlie ucheshchikhsie V-VI klassov srednei shkoly. Isd. 2-oe. Moskva, Gos. uchebno-pedagog.isd-vo N-vs prosv. RSFSR, 1957. 142 p. (NLBA 19:10) (School gardene)



Two experiments in studying soil properties, Biol, v shkole no.1; 86 Ja-F '58. (MIRA 11:1)

1. Shkola pamiati V.I. Lenina. (Oorki (Moscow Province)---Soil research--Study and teaching)

KIYOTOK S.A., saslushennyy uchitel' skholy RSFSR

Phenological observations and nature calendar. Biol. v shkole no.2154-57 Kr-Ap 159. (MIRA 12:4)

1. Shkola pasyati V.I. Lenina, Gorki Leninskiye, Moskovskoy oblasti.
(Phenology-Study and teaching)

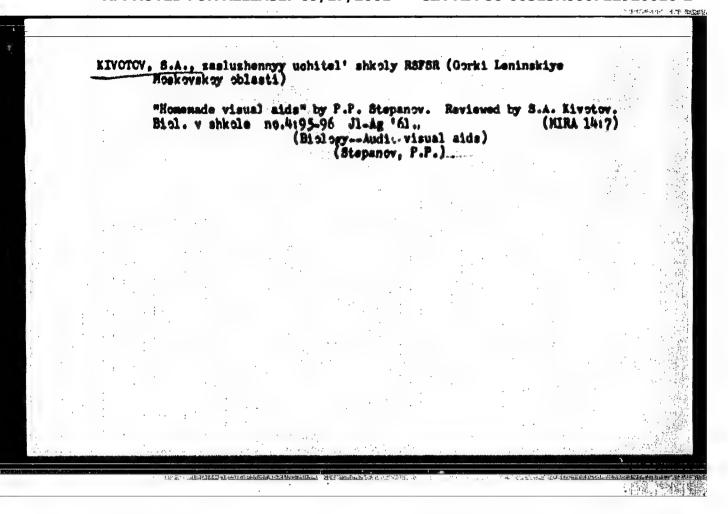
First lessons in studying the fundamentals of plant culture.

Biol. v shkole no.4:58-64 J1-Ag '59. (MRA 12:11)

1. Shkola pamyati V.I. Lenina, Gorki Leninskiye Moskovskoy oblasti. (Agriculture-Study and teaching)

Trend of our work on the experimental lot of the school.
Politekh.obuch. no.ll:47-53 E '59. (MIRA 13:2)

1. Srednyaya shkola payati V.I.Lenina.
(Agriculture--Study and teaching)
(School gardens)



\*\*IPOTOV, S.A.

\*\*IPractical work in school garden plots and on collective farms; a textbook for grade 7 of the secondary school]Prakticheskie sanniatiia na shkol'nos uchebno-opytnos uchastke i v kolkhose; posobie dlia uchasbehikhaia VII klassov srednel shkoly. Isd.2.

\*\*Moskva, Gos.uchebno-pedagog. isd-vo, 1959. 95 p.

(Agriculture—Study and teaching)

(Agriculture—Study and teaching)

PEDOROVA, V.N., starshiy nauchnyy sotr.; MYSHIYAYEVA, N.A., mlad.

"Muchnyy sotr.; CRICOR'YEVA, N.P., mlad. nauchnyy sotr.; KI
VOTOV, S.A., sasl. uchitel shkoly RSFSR; SHAIRINA, M.S.,

red.; NOVOSELOVA, V.V., "n. red.

[Tie between teaching botany and the work of students in plant growing]Svias' obucheniia botanike s trudom uchashchikhsia po rastemievodstvu. Pod red. V.N.Fedorovoi. Hoskva, Isd-vo Akad. pedagog.nauk RSFSR, 1962. 146 p. (HRA 15:9)

1. Akademiya pedagogioheakikh nauk RSFSR, Moscow. Institut obshchego i politekimicheakogo obrazovaniya.
(Botany—Study and teaching)

KIVOTOV, S.A., saslushennyy uchitel shkoly RSFSR (Gorki Leninskiye Hoskovskoy

"Homemade collections in botany and scology" by S.A. Pavlovich. Reviewed by S.A. Kivotov. Biol. v shkole no.3:90-91 My-Je '62. (MIRA 15:7)

(Zoological specimens—Collection and preservation)

(Plants—Collection and preservation)

(Pavlovich, S.A.)

SHALMEV, Vasiliy Feofilovich; COCOLEVA, Yelena Dmitriyevna; KIVITOV, Sergey Aleksendrovich; PROPERANSOVA, N.V., red.; TARASOVA, V.V., tekim. red.

[Correlation between moology lessons and practical work of students in rabbit husbandry]Vsaimosvias' urokov moologii s prakticheakimi rabotami uchashchikhsia po krolikovodstvu.

Moskva, Isd-vo Akad. pedagog. nauk RSFSR, 1961. 52 p.

(MIRA 15:10)

(Stock and stockbreeding—Study and teaching) (Rabbits)

KIVOTOV, S.A., saslushennyy uchitel' shkoly RSFSR (Gorki Leninskiye

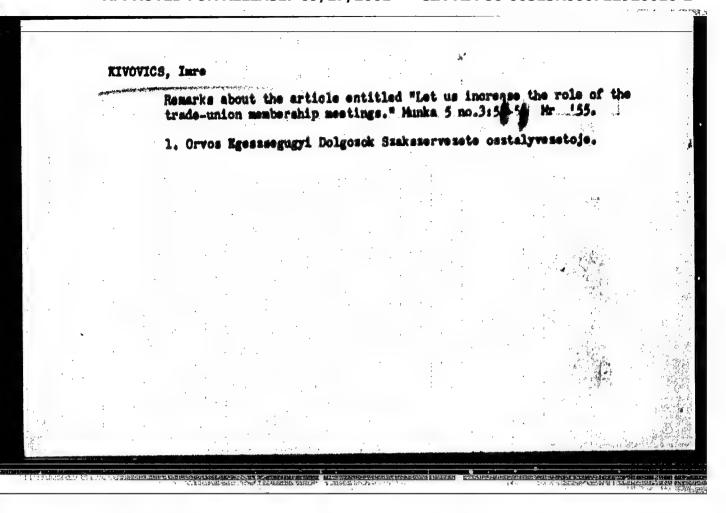
Hoskovskoy chlasti)

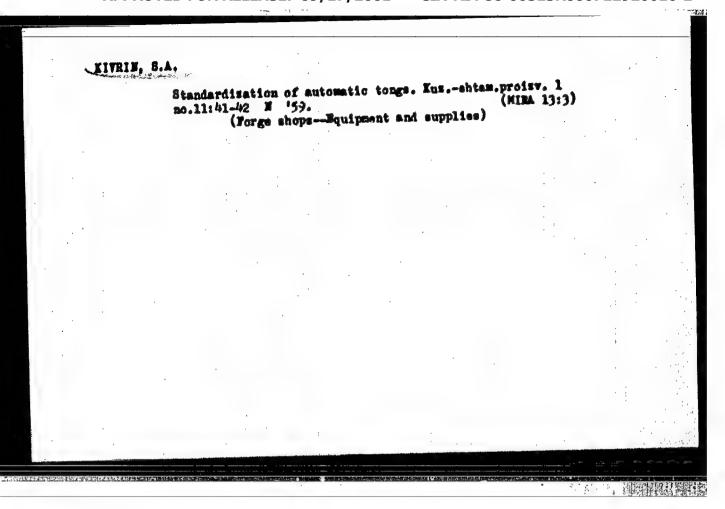
Hoskosko visual side for the topic "Seed and its germination."

Biol. v shkole no.5:38-41 S-0 '62. (MIRA 16:2)

(Botany-indic-visual side)

(Seeds)





KIVRIN, S.A., inch.

SM-1004 installation for automatic unloading and stacking of gypsum plaster board sheets. Stroi. Ent. 10 no.1127-29
Ja\*64. (MIRA 17:5)

CIA-RDP86-00513R000722920016-2

SHVETS, Veniamin Izrailovich; GCROKHOVSKIY, A.I., retsenzent; KIVROVA, Ye.P., retsenzent; KRUGLOV, S.V., retsenzent; DUKHOVNII, F.N., red.

[Hoisting and conveying machinery in light industry] Podwermo-transportage mashing v legkoi prosyshlennosti. Koskva, Legkaia industriia, 1964. 290 p. (MIRA 17:10)

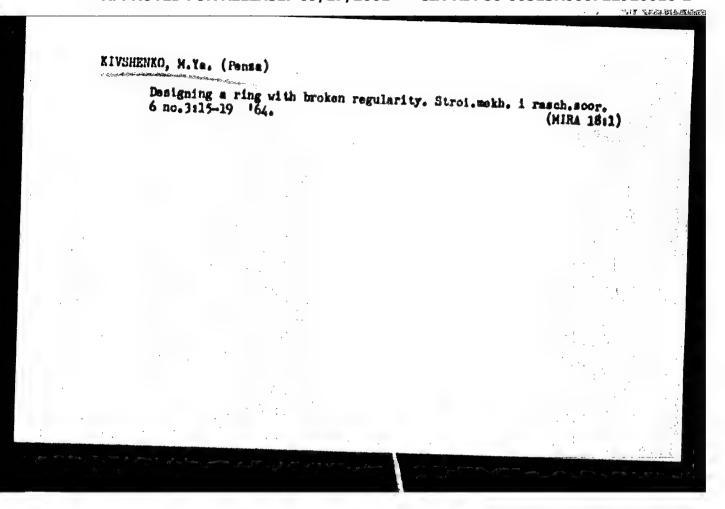
OSTROVITYANOV, Builly Mikhaylovich; MELIN, Ivan Vasil'yevich; KIVROVA, YeaP., insh., retsensent; MURAY! TBV, M.I., insh., nauchmyy red.; DUKHOVHYY, F.N., red.; KNAKNIN, M.Z., tekhn.red.

[Adjustment and regulation of basic shoe machinery] Tekhnolegicheskais regulirovka osnovných obuvných mashin. Moskva. Gos. nauchno-tekhn.isd-ve lit-ry pe legkci promyshl., 1959. 251 p. (MIRA 13:5)

(Show machinery)

SHELYY, A.S.; SHUBIN, V.V.; KIVSHENKO, A.M.

Thin-layer polyamide coatings. Mashinostroitel' no.12:18
D '63. (MIRA 17:1)



KIVSSHMKO, M.Ya. (Pensa)

Multiple-seated circular ring on e.actic supports. Stroi. makh.
i rasch. seor. 2 no.617-12 '60. (NIRA 13:12)
(Elastic rods and wires)

KIVSHENKO, M.Ya. (Pensa)

Design of a ring resting on elastically yielding supports. Stroi. mekh. i rasch. soor. 4 no.6:15-20 '62. (MIRA 16:1) (Elasticity)

# 8/181/62/000/000/003/036

AUTHOR:

Zagorodnov, O. G., Fayaberg, Ya. B., Yegorov, A. M., Kivahik, A. P.

TITLE:

Reflection of electromagnetic waves from a moving plasma. Investigation of waveguide properties of a plasma

PERIODICAL: Fixika plasmy i problemy upravlysyemogo termoyadernogo sinteza; doklady i konferentsii po fizike plasmy i probleme upravlysyemykh termoyadernykh reakisty. Fizi-tsoh: inst. AN Ukr. SSR. Kiev, Izd-vo AN Ukr. SSR, 1962, 9-20.

TEXT: The first part of the article describes experiments on the reflection of slow electromagnetic waves from a moving plasma, almed at ascertaining whether the frequency multiplication and increase in the reflected-wave amplitude attainable in the case of slow waves is sufficient to lead to the development of new methods of amplification of microwaves and acceleration in a plasma, and also to stabilize a plasma. Since the Doppler shift in the frequency and the change in the amplitude of an electromagnetic wave reflected from a moving mirror can be made appreciable only by increasing greatly the velocity of the reflecting surface or

Card 1/4

#### 8/781/62/000/000/003/036

### Reflection of electromagnetic waves from ...

by changing the phase velocity of the wave in the space where the interaction takes place, and since it is not practical to obtain high physical mirror velocities (even when an electron beam or a plasma is used as a reflecting surface), the experiment was carried out with an electromagnetic wave of a phase velocity slowed down to that of the reflecting plasma. The slow-wave structure consisted of a helical waveguide comprising a porcelain tube 40 mm in diameter, with a helix made of copper wire 0.4 mm in diameter wound at a pitch of 0.8 mm. The experimentally measured phase velocity in the helix was vph/c = 1/200. A plasma piston was produced by discharging a 750 microfared capacitor bank charged to 4.5 kV. At 24.75 Mcs, the frequency of the reflected wave was found to be increased by 11 per cent relative to the incident wave, and when the phase velocity was decreased to 1/275 of the velocity of light, the frequency increased by 20 per cent. The velocity of the plasma piston was calculated to be v = 8.45 × 10° cm/sec. This effect can be used for amplification and generation of microwaves, acceleration of particles, and various measurements in plasma and also to increase the stability of a plasma.

The second part of the investigation was devoted to waveguide properties of plasma. A plasma waveguide was produced by a high frequency discharge in a quartz tube 1500 mm long.

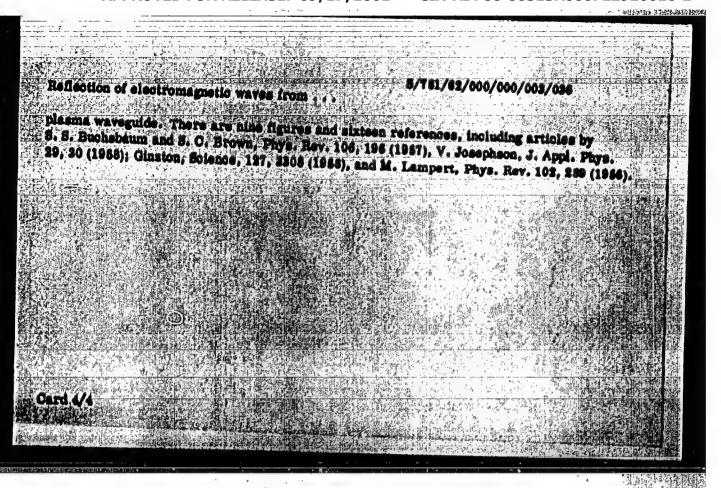
Card 2/4

Reflection of electromagnetic waves from

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in which a vacuum of 7 × 10-1 mm He was maintained. The plasma density in the waveguide could be varied up to 10 cm. A slow electromagnetic wave of low power (on the order of 1 watt) at frequencies from 150 to 2000 Mas was excited in the plasma waveguide, and the resultant phase velocity of the standing wave was measured as a function of the frequency for different plasma densities and for several values of longitudinal magnetic field. A study of the dependence of the waveguide field intensity on the high-frequency power applied to the plasma (in the range from 100 to 1.8 kW) has shown this dependence to be non-monotonic, probably owing to resonance in the plasma column. Other quantities measured were the radial dependence of the longitudinal component, the nonlinear distortion of low-power signals passing through the plasma waveguide and the microwave losses in the plasma waveguide. The acceleration in the plasma was investigated by means of a small model of a helicalplasma accelerator. An analysis of the energy spectrum of the beam, made by electrostatic deflection, shows that the spectrum is quite broad and that a considerable fraction of the electrons had the expected energy near 5.5 keV. This shows that the field is capable of penetrating and reaching the axis of the plasma and that the electrons become accelerated. K. D. Sinel'nikov is oredited with suggesting one possible reason for signal distortion in the

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Changes in certain physical properties of the IVIAGS alloy in the process of heating and after tempering. Isv.vys.ucheb.sav.; chern.met. 6 no.1s147-152 '63. (MERA 16:2)

1. Moskovskiy institut stali s splavov. (Pron-aluminus-manganese alloys—Testing) (Metals, Effect of temperature on)

CHARUKHINA, 3, M., kand. tekhn.nauk; KIVSHITS, Ie.A., mladshiy mauchnyy sotrudnik;

GRIGOR'IEVA, M.V., starshiy nauchnyy sotrudnik; ZHEMODINA, I.P.,

laborant

Determining the concentration of solutions used in fur manufacture
by their electric conductivity. Hauch.-issl.trudy MIRP po.915670 159.

(Fur—Dressing and dyeing)

(Solution(Chemistry)—Electric properties)

KIVTHITSKAYA, V. V.

Infants (New-Born); Hernia

"Hernias in New-Born Infanta" Fel'd. i akush. No 6, 1952

SO: Monthly List of Russian Accessions, Library of Congress, September 1952, UECL

LYSEN OV, N.G., kand.tekhn.nauk; OLEFIR, F.F., kand.tekhn.nauk;
KOVALEV, N.G.; TERESHKIN, A.A.; KIVVA, A.N.

Noncontact system of optimum pulsed control of an electric drive. Avtom. 1 prib. no. 1:11-15 Ja-Mr '64. (MIRA 17:5)

ABDUIKHANOV, A.A.; MIFTAKHUTDINOVA, T.S.; KIVVA, K.Ya.; GERSHKOVICH, V.I., Vrach

Councils of medical nurses. Med.sestra 22 no.2151-55 F 163. (MIRA 16:5)

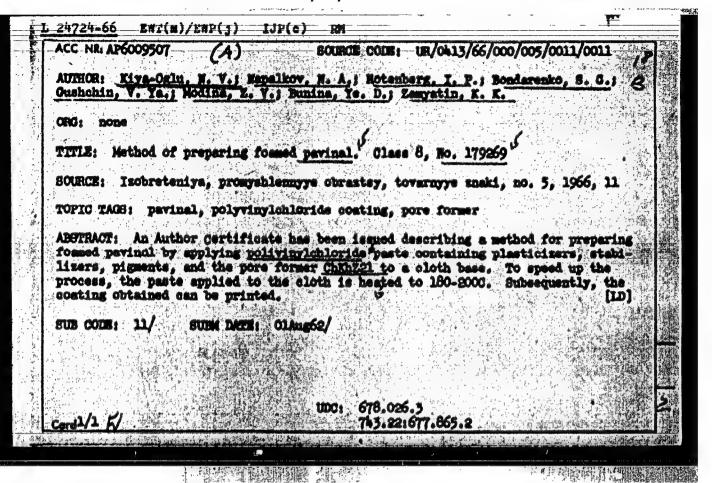
1. Predsedatel' soveta meditsinskikh sester, starshaya meditsinskaya sestra Detškoy bol'nitsy No.3, Barnaul, Altayskiy kray (for Kolomutitsa). 2. Predsedatel' soveta meditsinskikh sester Moskovskoy gorodskoy klinicheskoy bol'nitsy No.64 (for Vasil'yev) 3. Predsedatel' soveta meditsinskikh sester Poltavskoy bolsatnoy bol'nitsy (for Kivva).

(NURSES AND BURSINO)

KIY, Payu Blue ray. Mauka i shism' 24 no.3:49-52 Mr '57. (Atomic power) (Rockets (Aeronautics)) (MERA 1015)

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NCCESSION NRI AT4012728 B/2961/63/000/002/0160/0168

AUHCR: Fridlyender, I. M.; Klyagine, N. B.; Krivenko, R. A.

· 学生的

TITLE: Silicon-aluminum alloy with a low coefficient of linear expension

SCURCE: Alvaminiyevy\*ye splavy\*. Sbornik statey, no. 2. Spechenny\*ye splavy\*. Moscow, 1963, 160-168

TOPIC TAGS: aluminum alloy, silicon alloy, silicon aluminum alloy, SAS, linear expansion coefficient, alloy linear expansion, alloy plasticity, iron containing alloy, nickel dontaining alloy, sirconium containing alloy, silicon carbide

ABSTRACT: Binary aluminum-silicon alloys (4-32% 81) and those with admixtures of Fe (up to 9%), Hi(5-17%), Zr(2.9%), Ti(up to 16%), and SiC(10 and 20%) were prepared by pulverizing and grinding processes and were tested for strength and linear expansion. The high-t-strength was exhibited by Al-Si alloys of close-to-cutectic composition (25-30%), their plasticity decreasing as the Si content increased. Additions of Hi had a more favorable effect than additions of Fe. The best mechanical properties were obtained with additions of 5-7% Hi, while additions of En produced no appreciable effect. Additions of SiC produced quality

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ACCESSION NR: AT4012728

alloys, and additions of Ti produced markedly greater strength in alloys prepared by pulverizing. The lowest coefficient of linear expansion was obtained with additions of Ni. Additions of Ti were found to have a greater lowering effect than additions of Si. Alloys composed of Al, Si, and SiC possess high mechanical properties and exhibit a low coefficient of linear expansion, which decreases as the SiC content increases. The processes of preparing the alloys and examining their microstructure are given and discussed at great length. Orig. art. has: 2 tables, 4 figures and 5 graphs.

ASSOCIATION: none

SURPRITED : 00

ercl: 00

ME : ROLL EDG.

NO REF SOV: 001

OTHER: 002

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LAZARBHO, A.S., redakter; JEHITS'KIY, S.Z., redakter; KIYAK, C.S., redakter; KOZIY, G.Y., dekter bielegichnikh nank, redakter; RAKAMITS'KIY, S.F., kandidat s.-g. nank, redakter; STRAUTHAN, F.I., kandidat biel.nank, redakter; TATARIHOV, K.A., redakter; POLYAKOV, N.I., redakter; RAKHLIMA, N.P., tekhnicheskiy redakter.

[Bischemistry of ferm animals] Biskhimita sil's'kshespedars'kyth tvaryn. Kyiv, 1953. 58 p. [Microfilm]. (MEA 9:6)

1. Akademiya nauk URSR, Kiev. Institut agrebiologii. 2. Chlen-kerespendent AN URSR (for Lasarenke, Oshite'kiy, Kiyak).
(Physiological chemistry) (Veterinary physiology)

LAZARENKO, A.S., redaktor; GZHITS'KIY, S.Z., redaktor; KIYAK, G.S., redaktor; KOSIY, G.V., doktor biologichnikh nauk, redaktor; BARA-NETS'KIY, S.F., kandidat sil'sko-gospodars'kikh nauk, redaktor; STRAUTMAN, F.I., kandidat biologichnikh nauk, redaktor; TATARIHOV, K.A., redaktor; NAKSIMEYKO. O.I., redaktor; RAKHLIMA, E.P., tekh-redaktor.

[Studying characteristics of the use of fertilizers in the western provinces of the Ukrainian S.S.R.] Vyvohennia osoblybostei sastosuvannia dobryv u sakhidnykh oblastiakh Ukrains'koi RER. Kyiv, Vydvo Akademii nauk Ukrains'koi RER, 1953. 103 p. (KLRA 8:2)

1. Chlen-korrespondent AM Ukrainskoy RSR (for Lasarenko, Gshits'kiy, Kiyak) 2. Akademiya nauk URSR, Kiyev.
(Ukraine--Fertilisers and manures)

EXPAR. Origoriy Stepanovich; ZAOCHUKO, Amerosiy Teodorovich

[Experience in growing spring wheat; practices of collective farms in western provinces of the Ukraine] Desvid vyroshchuranita taroti pahenytsit; vyrobnychoi praktyky kolhospiv zakhidnykh oblastei Ukrainskoi 252. Lviv. Knyshkovo-shurmal'ne vyd-vo. 1955. 55 p. (Ukrains--Uhaat)

(Ukrains--Oollective farms)

KIYAK, O. S.

KIYAK, O. S.: "Spring wheat in the western oblasts of the Ukrainian SSR". Khar'kov, 1955. Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. (Dissertations of the Degree of Doctor of Agricultural Sciences)

SO: Knishnaya letopis', No. 52, 24 December, 1955. Moscow.